

PATENT
ATTORNEY DOCKET NO. UCSD1160-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Firestein et al.	Art Unit: Not yet assigned
Serial No.: Not yet assigned	Examiner: Not yet assigned
Filed: Herewith	
Parent	Parent
Serial No. 09/363,997	Filed: July 29, 1999
Title: THERAPY FOR CELLULAR ACCUMULATION IN CHRONIC INFLAMMATORY DISEASES	

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/363,997 filed July 29, 1999, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

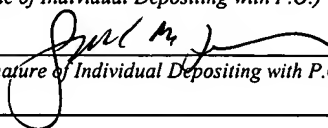
EXPRESS MAIL Number: EV 318 739 625 US

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I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Saul Solano

(Name of Individual Depositing with P.O.)


(Signature of Individual Depositing with P.O.)

In the Application of:
Firestein et al.
U.S. Serial No. Not yet assigned
Filed: Herewith
Continuation of U.S. Serial No.: 09/363,997
Page 2

PATENT
Attorney Docket No.: UCSD1160-4

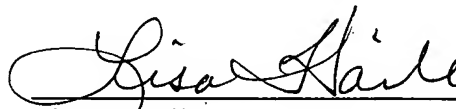
Applicants respectfully request that the references supplied in compliance with 37 C.F.R. § 1.97 in the above-referenced parent application, as well as those cited during its examination, be made of record. Copies of the documents will be found in the above-referenced parent application. For the convenience of the Examiner, enclosed are copies of Form PTO-1449 and Form PTO-892 listing the reference cited by the Examiner or cited in an Information Disclosure Statement. Copies of the documents will be found in the above-referenced parent application.

It is respectfully requested that the parent application and the references cited therein be considered in the examination of this application and that their consideration be made of written record in the application file.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge Deposit Account No. 50-1355.

Respectfully submitted,

Date: 11/18/03



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APP

Notice of References Cited	Application No. 09/363,997	Applicant(s) Firestein et al.	
	Examiner Gai (Jennifer) Mi Lee	Group Art Unit 1632	Page 1 of 1

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
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V	W. French Anderson, "Human gene therapy." Nature Vol. 392 Supp : 25-30	04/98
W	Vaux et al., "The molecular biology of apoptosis." Proc. Natl. Acad. Sci. USA Vol. 93 : 2239-2244	03/96
X	Kumar et al., "Role of multiple cellular proteases in the execution of programmed cell death." FEBS Letters 375: 169-173	1995

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U	Ledley F., "Pharmaceutical Approach to Somatic Gene Therapy." Pharmaceutical Res., Vol. 13: 1595-1613. 11/1996
V	Eck et al., "Gene-based therapy." Goodman & Gilman's The Pharmacological Basis of Therapeutics-Ninth Edition." McGraw-Hill: 77-101. 1996
W	Orkin et al., "Report and recommendations of the panel to assess the NIH investment in research on gene therapy." Pages 1-20. 12/1995
X	Miller et al., "Targeted vectors for gene therapy." FASEB Journal, Vol. 9: 190-199. 2/1995

Notice of References Cited	Application No. <i>081705,243</i>	Applicant(s) <i>Firestein et al</i>	
	Examiner <i>Cirud</i>	Group Art Unit <i>1819</i>	Page <i>1</i> of <i>1</i>

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V	<i>Veirma et al (1997) Nature 389, 239-242.</i>	
W	<i>Science News Report (1995) Science 269, 1050-1055.</i>	
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* A copy of this reference is not being furnished with this Office action.
 (See Manual of Patent Examining Procedure, Section 707.05(a).)

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	Examiner Anne M Wehbé	Art Unit 1632	Page 1 of 1

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	U	Li; et.al.; Adenovirus-mediated Bax Overexpression for the Induction of Therapeutic Apoptosis in Prostate Cancer, 2001, Cancer Research 61: 186-191.
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
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Notice of References Cited

Application No.
08/705,243

Applicant(s)
Firestein et al.

Examiner
Deborah Crouch

Group Art Unit
1632

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x V	Nita et al. (1996) Arthritis Rheum. 39, 820-828.	
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* A copy of this reference is not being furnished with this Office action.
(See Manual of Patent Examining Procedure, Section 707.05(a).)

ATTY. DOCKET NO.
07256/005001SERIAL NO.
08/705,243INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT:
Firestein et al.FILING DATE
8/30/96GROUP
1632

37 CFR 1.98(b))

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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

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AB	Nita et al., Arthritis Rheum (May 1996), 39(5):820-828
AC	Ghivizzani et al., Gene Ther (Sep 1997), 4(9):977-982
AD	Nguyen et al., J Rheumatol (Jun 1998), 25(6):1118-1125
AE	Bandara et al., Proc Natl Acad Sci USA (Nov 1993), 90(22):10764-10768
AF	Hung et al., Gene Ther (Jan 1994), 1(1):64-69
AG	Evans et al., Hum Gene Ther (Jun 1996), 7(10):1261-1280
AH	Muller-Ladner et al., (Apr 1997), 158(7):3492-2498
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AJ	Chernajovsky et al., Gene Ther (June 1997), 4(6):553-559
AK	Le et al., Arthritis Rheum (Sep 1997), 40(9):1662-1669
AL	Bessis et al., Clin Exp Immunol (Feb 1998), 111(2):39-396
AM	Okamoto et al., Gene Ther (Mar 1998), 5(3):331-338
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AP	Song et al., J Clin Invest (June 1998), 101(12):2615-2621
AQ	Ma et al., J Immunol (Aug 1998), 161(3):1516-1524
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EXAMINER

DATE CONSIDERED 11/5/11

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 07256/005001	SERIAL NO. 08/705,243
	APPLICANT: Firestein et al.		
	FILING DATE 8/30/96	GROUP 1819	

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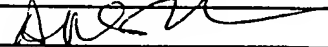
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AA	Evans and Robbins, 1996, "Pathways to gene therapy in rheumatoid arthritis," <i>Curr. Opin. Rheumatol.</i> 8(3):230-4
AB	Makarov et al., 1996, "Suppression of experimental arthritis by gene transfer of interleukin 1 receptor antagonist cDNA," <i>Proc. Nat'l. Acad. Sci.</i> 93(1):402-6
AC	Chernajovsky et al., 1995, "Inhibition of transfer of collagen-induced arthritis into SCID mice by <i>ex vivo</i> infection of spleen cells with retroviruses expressing soluble tumor necrosis factor receptor," <i>Gene Ther.</i> 2(10):731-5
AD	Hanania et al., 1995, "Recent Advances in the Application of Gene Therapy to Human Disease," <i>Am. J. Med.</i> 99(5):537-552
AE	Evans and Robbins, 1995, "Progress toward the Treatment of Arthritis by Gene Therapy," <i>Ann. Med.</i> 27(5):543-546
AF	Zang et al., 1997, "Amelioration of Collagen-induced Arthritis by CD95 (Apo-1/Fas)-ligand Gene Transfer," <i>J. Clin. Invest.</i> 100(8):1951-1957

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STATEMENT BY APPLICANT

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APPLICANT:
Firestein et al.FILING DATE
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
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AK	AQ	Bandara et al., "Gene Transfer to Synoviocytes: Prospects for Gene Treatment of Arthritis", <i>DNA and Cell Biology</i> , 1992, Vol. 11, No. 3, pp. 227-231
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. UCSD1160-3	Serial No.: 09/363,997	RECEIVED JUN 04 2002 TECH CENTER 1600/2900
	Applicants: Firestein et al.		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: July 29, 1999	Group Art Unit: 1632	

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EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
		None					

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<i>d</i>	AB	WO 94/18992	09/01/1994	PCT			

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<i>AW</i>	AC	Fries, J.F. et al., "Nonsteroidal Anti-Inflammatory Drug-Associated Gastropathy Incidence and Risk Factor Models," <i>American Journal of Medicine</i> , Abstract, Vol. 91, No. 3, 1991, pgs. 213-222.
<i>7</i>	AD	Makoto, Asamoto et al., "Mutations and Expression of the p53 Gene In Rat Bladder Carcinomas and Cell Lines," <i>Molecular Carcinogenesis</i> , Abstract, Vol. 9, No. 4, 1994, pgs. 236-244.
	AE	Mountz, John D. et al., "Autoimmune Disease: A Problem of Defective Apoptosis," <i>Arthritis & Rheumatism</i> , Vol. 37, No. 10, October 1994, pgs. 1415-1420.
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<i>✓</i>	AG	Wiman, K.G. et al., "Mutant P53 Detected In a Majority of Burkitt Lymphoma Cell Lines By Monoclonal Antibody PAB240," <i>Oncogene</i> , Abstract, Vol. 6, No. 9, 1991, pgs. 1633-1640.

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.